

Title (en)  
COMMUNICATION SYSTEM, BASE STATION APPARATUS, COMMUNICATION TERMINAL APPARATUS AND COMMUNICATION METHOD

Title (de)  
KOMMUNIKATIONSSYSTEM, BASISSTATION, KOMMUNIKATIONSENDGERÄT UND KOMMUNIKATIONSVERFAHREN

Title (fr)  
SYSTEME DE COMMUNICATION, STATION DE BASE, TERMINAL DE COMMUNICATION ET PROCEDE DE COMMUNICATION

Publication  
**EP 0986196 A4 20050601 (EN)**

Application  
**EP 99906531 A 19990226**

Priority  

- JP 9900956 W 19990226
- JP 4595498 A 19980226
- JP 9629698 A 19980408

Abstract (en)  
[origin: EP0986196A1] In carrying out bidirectional communication with a base station device, one frame is prescribed for each predetermined time period  $T_f$  and a plurality of time slots are formed in one frame. In slots  $T_1, T_2, \dots, T_n$  of an uplink period  $T_u$ , communication of a down link from the base station device to a communication terminal device is carried out by using a multi-carrier signal having data dispersed to  $m$  units of subcarriers for transmission (where  $m$  is an integer not smaller than 2), and communication of an up link from the communication terminal device to the base station is carried out by using a multi-carrier signal having data dispersed to  $j$  units of subcarriers for transmission (where  $j$  is an integer smaller than  $m$ ) or a multi-carrier signal having data dispersed to  $m$  units of subcarriers for transmission. <IMAGE>

IPC 1-7  
**H04B 7/26**; H04J 1/00; H04J 11/00; H04L 5/02; H04L 5/14

IPC 8 full level  
**H04L 5/02** (2006.01); **H04L 5/14** (2006.01); **H04W 72/04** (2009.01)

CPC (source: EP KR US)  
**H04B 7/26** (2013.01 - KR); **H04L 5/0037** (2013.01 - EP US); **H04L 5/0044** (2013.01 - EP US); **H04L 5/0064** (2013.01 - EP US); **H04L 5/1484** (2013.01 - EP US); **H04L 5/0007** (2013.01 - EP US)

Citation (search report)  

- [X] WO 9741645 A1 19971106 - MOTOROLA INC [US]
- [A] US 5680394 A 19971021 - BINGHAM JOHN A C [US], et al
- See references of WO 9944316A1

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**EP 99906531 A 19990226**; CN 99800626 A 19990226; EP 10009585 A 19990226; JP 54343599 A 19990226; JP 9900956 W 19990226; KR 19997009845 A 19991023; US 40331299 A 19990226